APPENDIX: DATA SEGMENT TABLES

A-1
Segment and Data Element Matrix

The tables in this section describe what data segments and data elements are used for the Cost Performance Report (CPR) Formats 1 to 5, and the Cost/Schedule Status Report (C/SSR) Formats. Note that these tables only include those segments marked as used in the Implementation Convention.

Legend

Letter/Blank	Means
M	Mandatory. Standards demand an entry. Must supply the data.
O	Optional. Not required by the standard or receiving application. Supply the data if desired.
R	Required. Required by the receiving application. Must supply the data.
U	Used. Data is used by the receiving application. Provide the data if applicable or available.
Blank	Not Used.

Transaction Set Segment Table

Segment	Description	CPR Formats					C/SSR Formats	
		1	2	3	4	5	1	VAR
	Table 1							
BCS	Beginning Segment	M	M	M	M	M	M	M
REF	Reference Numbers	O	O	O	O	O	O	O
DLV	Deliverable Information	R	R	R	R	R	R	R
AMT	Monetary Amount	R	R	R	R	R	R	R
PCT	Percent Amounts	O	O	O	O	O	O	O
DTM	Date/Time Reference	R	R	R	R	R	R	R
	CFT Loop							
CFT	Cost Reporting Format Type	M	M	M	M	M	M	M
CAL	Calendar			R	R			
	BSD Loop in CFT Loop							
BSD	Breakdown Structure Description	R	R	R	R	R	R	R
REF	Reference Numbers	O	O	O	O	O	O	O
AMT	Monetary Amount	R	R	R		O	R	O
QTY	Quantity	O	O		R			
PAM	Period Amount			R	R			
MSG	Message Text			O		R		R
	N1 Loop							
N1	Name	M	M	M	M	M	M	M
N2	Additional Name Information	O	O	O	O	O	O	O
N3	Address Information	O	O	O	O	O	O	O
N4	Geographic Location	O	O	O	O	O	O	O
PER	Administrative Communications Contact	R	R	R	R	R	R	R
DTM	Date/Time Reference	R	R	R	R	R	R	R

Header Segments and Data Elements

The total contract or title block details are the same for all formats. Refer to details in the Implementation Convention on how to use the segments and data elements. This includes the BCS, REF, DLV, AMT, PCT, and DTM segments in positions 020, 030, 040, 050, 060, and 070.

Report Format Segments and Data Elements

Begin CFT Loop

CFT   Cost Reporting Format Type

Data Element	Description, Comments, Codes Used	CPR Formats					C/SSR Formats	
		1	**2**	**3**	**4**	**5**	**1**	**VAR**
CFT01 - 755	Report Type Code	M	M	M	M	M	M	M
	CX - Cost/Schedule Status Report						U	
	F1 - Cost Performance Report Format 1	U						
	F2 - Cost Performance Report Format 2		U					
	F3 - Cost Performance Report Format 3			U				
	F4 - Cost Performance Report Format 4				U			
	F5 - Cost Performance Report Format 5					U		
	LP - Labor Plan. Optional report format for Cost Performance Report Format 4. Provides Budget at Complete Data instead of Forecast Data.				O			
	VA - Variance Analysis							U
CFT02 - 355	Unit or Basis for Measurement Code - use the code that applies.	R	R	R	R	O	R	O
	DO - Dollars, U.S. Used to indicate monetary values are not factored.	U	U	U		U	U	U
	HR - Hours				U			
	HU - Hundred. As in hundreds of dollars.	U	U	U		U	U	U
	R5 - Thousands of Dollars	U	U	U		U	U	U
	R6 - Millions of Dollars	U	U	U		U	U	U
	WM - Working Months				U			
CFT03 through CFT08	Not Used.							

CAL   Calendar

Data Element	Description, Comments, Codes Used	CPR Formats					C/SSR Formats	
		1	2	3	4	5	1	VAR
CAL01 - 128	Reference Number Qualifier			M	M			
	70 - Calendar Number			R	R			
CAL02 - 127	Reference Number. Enter a period number for the projected time frames. Entries can be "1", "2", "3", "4", "5" (if applicable), or "At Complete".			M	M			
CAL03 through CAL13	Not Used.							
CAL14 - 673	Quantity Qualifier			R	R			
	1O - Calendar Units. Note that the "O" in the code is the letter "O".			R	R			
CAL15 - 380	Quantity. Enter the number of reporting periods for each projected time frame.			R	R			
CAL16 - 369	Description. Describe the projected time frame. Recommend a maximum of four characters. Description is not required for the "At Complete" item.			U	U			

Begin BSD Loop in the CFT Loop

BSD   Breakdown Structure Description

Data Element	Description, Comments, Codes Used	CPR Formats					C/SSR Formats	
		1	2	3	4	5	1	VAR
BSD01 - 128	Reference Number Qualifier	M	M	M	M	M	M	M
	74 - Work Breakdown Structure (WBS)	U		U		U	U	U
	75 - Organization Breakdown Structure (OBS)		U		U	O		O
BSD02 - 127	Reference Number. Enter the reporting structure element code.	R	R	R	R	R	R	R
BSD03 - 352	Description. Optional, but receiving application may recommend providing.	O	O	O	O	O	O	O
BSD04 - 1178	Level. Reporting structure level number for the code entered in BSD02.	R	R		R		R	
BSD05 - 127	Reference Number. Required parent element code for lower level element codes entered in BSD02. Not applicable for level 1 element codes.	U	U		U		U	
BSD06 - 1196	Breakdown Structure Detail Code. Used to further define element code. See list of available codes in Implementation Convention. Use will depend on receiving application.	O	O				O	
BSD07 - 1178	Level. Parent element code (entry in BSD05) level number. An entry is recommended when BSD05 is present.	U	U		U		U	
BSD08 - 786	Not Used.							

REF   Reference Numbers

Data Element	Description, Comments, Codes Used	CPR Formats					C/SSR Formats	
		1	2	3	4	5	1	VAR
REF01 - 128	Reference Number Qualifier	M#	M#	M#	M#	M#	M#	M#
	3J - Office Number	O	O	O	O	O	O	O
	AT - Appropriation Number	O	O	O	O	O	O	O
	C7 - Contract Line Item Number	O	O	O	O	O	O	O
	KU - Office Symbol	O	O	O	O	O	O	O
REF02 - 127	Reference Number	R	R	R	R	R	R	R
REF03 - 352	Not Used.							

Optional for this format, is only mandatory if used.

AMT   Monetary Amount

Data Element	Description, Comments, Codes Used	CPR Formats					C/SSR Formats	
		1	2	3	4	5	1	VAR
AMT01 - 522	Amount Qualifier Code. Use code appropriate for the format. Some codes reflect specific customer reporting detail requirements.	R	R	R		M#	R	M#
	30 - Contract Ceiling			O*				
	32 - Target Fee or Profit Amount			O*				
	35 - Current Target Cost			O*				
	36 - Contract Budget Base			O*				
	40 - Current Schedule Variance	O	O					
	41 - Current Cost Variance	O	O					
	45 - Cumulative Schedule Variance	O	O				O	
	46 - Cumulative Cost Variance	O	O				O	
	47 - Reprogram Cost Variance	U	U					
	48 - Reprogram Budget	U	U					
	49 - At Complete Budget (BAC)	U	U	O*			U	
	50 - At Complete LRE	U	U				U	
	51 - At Complete Variance	O	O				O	
	B - Estimated	O*						
	B5 - Budgeted (Current Period)	O	O	U				
	BM - Adjustments			O**				
	CW - Earned Value (Current Period)	O	O					
	CX - Actual (Current Period) or generic "Actual" for when used for bottom line total.	O*	O					
	CY - Cumulative Budget	U	U	U			U	
	CZ - Cumulative Earned Value	U	U				U	
	D9 - Cumulative Actual	U	U				U	
	MB - Undistributed Budget			U				
	MR - Management Reserve			O**				
	ZZ - Mutually Defined. Use for Escalation or Escalation Recovery.	O		O*				
AMT02 - 782	Monetary Amount. Enter value.	M	M	M			M	
AMT03 - 478	Not Used.							

Optional for this format, is only mandatory if used.

* May be used for a bottom line total on the form.

** May be used for baseline change line item details. Baseline changes can use all AMT codes listed in the Implementation Convention.

QTY   Quantity

Data Element	Description, Comments, Codes Used	CPR Formats					C/SSR Formats	
		1	2	3	4	5	1	VAR
QTY01 - 673	Quantity Qualifier. Used to provide optional hour values for CPR Formats 1, 2, and 3 as well as required working months or hours for CPR Format 4.	M#	M#	M#	R			
	1I - Completed. Use for current period earned value quantities.	O	O					
	37 - Work in Process. Use for cum to date earned value quantities.	O	O					
	A5 - Adjusted Quantity			O				
	AT - Actual (Current Period)	O	O		U			
	AU - Cumulative Actual	O	O		U			
	AV - Budget (Current Period)	O	O	O				
	AW - Cumulative Budget	O	O	O	U*			
	AZ - Forecast at Complete. Use for EAC.	O	O					
	BC - Budget at Complete	O	O					
QTY02 - 380	Quantity. Enter value.	M	M	M	M			
QTY03 - 355	Use this data element if quantities are in units such as hundreds of hours.	O	O	O	O			

\# Optional for this format, is only mandatory if used.

* Used when CFT01 is code "LP" for Labor Plan, optional Format 4 that provides Budget at Complete values.

PAM   Period Amount

Data Element	Description, Comments, Codes Used	CPR Formats					C/SSR Formats	
		1	2	3	4	5	1	VAR
PAM01 - 673	Quantity Qualifier			R#	R			
	AV - Budget. Use for six month and projected time frame columns on Format 3.			U*	U**			
	AY - Forecast. Use for six month and projected time frame columns on Format 4.				U			
	AZ - Forecast at Complete.				U			
	BC - Budget at Complete			U*	U**			
PAM02 - 380	Quantity. Enter value.			R#	R			
PAM03 - 355	Unit or Basis of Measurement Code. Code entered here MUST match code entered in CFT02.			R#	R			
	HR - Hours				U			
	WM - Working Months				U			
PAM04 - 522	Amount Qualifier Code			R				
	49 - Budget at Complete			U				
	B5 - Budget (Current Period). Use for six month and projected time frame columns on the report.			U				
PAM05 - 782	Monetary Amount. Enter value.			R				
PAM06 - 344	Unit of Time Period or Interval. Use code that applies.			R	R			
	CY - Calendar Year			U	U			
	FY - Fiscal Year			U	U			
	MO - Month. Typically used for the next six month columns on the forms.			U	U			
	QY - Quarter of a Year			U	U			
	SA - Semiannual			U	U			
PAM07 - 374	Date/Time Qualifier.			R	R			
	174 - Month Ending. Use when PAM06 is code "MO".			U	U			
	194 - Period End. Use when PAM06 is "CY", "FY", "QY", or "SA".			U	U			
PAM08 - 373	Date. Enter the month or period ending date.			R	R			
PAM09 through PAM14	Not Used.							

\# Optional for this format, is only required if used.

* Qualifier is only used if hours are included for this format.

** Used when CFT01 is code "LP" for Labor Plan, optional Format 4 that provides Budget at Complete values.

MSG   Message Text

Data Element	Description, Comments, Codes Used	CPR Formats					C/SSR Formats	
		1	2	3	4	5	1	VAR
MSG01 - 933	Free-Form Message Text	O*	O*	O**	O*	R	O*	R
MSG02 - 934	Not Used.							

Note that the MSG segment is within the BSD Loop. That means text information can be provided for each reporting element code defined in the BSD segment.

* Only one repetition may be used for each reporting structure element reference (BSD) for this report.

** Limit of 50 characters is recommended for this format

End of BSD Loop
End of CFT Loop
The N1 loop information is the same for all report formats. This includes the N1, N2, N3, N4, PER, and DTM segments. Refer to the Implementation Convention.

Segment SE is the same for all report formats. Refer to the Implementation Convention.

A-2
Form Cross Reference

The tables in this section describe how the various blocks and columns in each Cost Performance Report or Cost/Schedule Status Report format relates to the segments and data elements in the 839 transaction set. This table should be used in combination with the standard Data Item Descriptions (DIDs) for the given format (April '89).

Cost Performance Report (CPR) 1 - Work Breakdown Structure

Form Reference	Table 1 Position	Segment Position	Data Element	Comments, Code(s) Used
Classification (Security)	1 - 020	BCS09	786	Use code that applies. Typically code 90 for Government Non-Classified is used.
CPR Format 1 - WBS	1 - 080	CFT01	755	F1 - Cost Performance Report Format 1
Dollars In	1 - 020	BCS12	355	DO - Dollars, U.S., for monetary amounts that have not been factored. HU - Hundred - for dollars in hundreds. R5 - Thousands of Dollars R6 - Millions of Dollars
1. Contractor a. Name	1 - 150	N101	98	FR - Message From
		N102	93	Optional, not used if N103 and N104 are used. Enter name of contractor.
		N103	66	1 - DUNS Number 9 - DUNS + 4 Number
		N104	67	Enter DUNS number.
		N201	93	Additional name information. Optional, not used if N103 and N104 are used. Use to provide other name information such as a division name.
b. Location	1 - 170	N301	166	Address information. Optional, not used if N103 and N104 are used.
		N302	166	Additional address information. Optional, not used if N103 and N104 are used.
		N401	19	City Name. Optional, not used if N103 and N104 are used.
		N402	156	State or Province Code. Optional, not used if N103 and N104 are used.
		N403	116	Postal Code. Optional, not used if N103 and N104 are used.
		N404	26	Country Code. Optional, not used if N103 and N104 are used.
2. Contract a., b. Name, Number	1 - 020	BCS03	367	Enter contract number.
	1 - 030	REF01	128	KL - Contract Reference
		REF03	352	Enter contract name

Cost Performance Report (CPR) 1 - Work Breakdown Structure (cont.)

Form Reference	Table 1 Position	Segment Position	Data Element	Comments, Code(s) Used
c. Type	1 - 020	BCS05	1166	CW - Cost Plus Award Fee CX - Cost Plus Fixed Fee CY - Cost Plus Incentive Fee FD - Fixed Price Redetermination FE - Fixed Price with Escalation FI - Fixed Price Incentive R - Firm Fixed Price OC - Other Contract Type TM - Time and Materials
d. Share Ratio	1 - 020	BCS10	954	Enter contractor above share ratio.
	1 - 020	BCS11	954	Enter contractor below share ratio.
3. Program a. Name	1 - 020	BCS06	352	Enter program name.
a. Number	1 - 020	BCS07	127	Enter program number.
b. Phase RDT&E or Production	1 - 020	BCS08	1193	01 - RDT&E 02 - Production (also use for LRIP) 03 - Both RDT&E and Production 04 - Other 06 - Advanced Design (use for Dem Val) 07 - Full Scale Development 08 - EMD See notes for BSD08 and DLV segment in the Implementation Convention.
4. Report Period	1 - 020	BCS04	373	Enter the reporting month ending date.
a. From	1 - 070	DTM01	374	090 - Report Start. Optional.
		DTM02	373	Enter date.
b. To	1 - 070	DTM01	374	091 - Report End. Optional. BCS04 is typically used.
		DTM02	373	Enter date.
5. Contract Data a. Quantity	1 - 040	DLV01	330	Enter quantity.
		DLV02	235	F7 - End Item Description
		DLV03	234	Enter description.
		DLV04	1193	Program Type Codes. Use if quantities must be broken down by specific program types such as RDT&E and Production.
b. Negotiated Cost	1 - 050	AMT01	522	26 - Negotiated Cost
		AMT02	782	Enter monetary amount.
c. Est. Cost Auth., Unpriced Work	1 - 050	AMT01	522	27 - Authorized Unpriced Work
		AMT02	782	Enter monetary amount.
d. Target Profit/Fee %	1 - 050	AMT01	522	32 - Target Fee or Profit Amount
		AMT02	782	Enter monetary amount OR use PCT segment.
	1 - 060	PCT01	1004	05 - Target Fee or Profit
		PCT02	954	Enter percent OR use AMT segment as noted above.

Cost Performance Report (CPR) 1 - Work Breakdown Structure (cont.)

Form Reference	Table 1 Position	Segment Position	Data Element	Comments, Code(s) Used
e. Target Price	1 - 050	AMT01	522	28 - Target Price
		AMT02	782	Enter monetary amount.
f. Estimated Price	1 - 050	AMT01	522	29 - Estimated Price
		AMT02	782	Enter monetary amount.
g. Contract Ceiling	1 - 050	AMT01	522	30 - Contract Ceiling
		AMT02	782	Enter monetary amount.
h. Estimated Contract Ceiling	1 - 050	AMT01	522	31 - Estimated Contract Ceiling
		AMT02	782	Enter monetary amount.
6. Est. Cost at Complete a. Best Case	1 - 050	AMT01	522	85 - Optimistic EAC
		AMT02	782	Enter monetary amount.
b. Worst Case	1 - 050	AMT01	522	86 - Pessimistic EAC
		AMT02	782	Enter monetary amount.
c. Most Likely	1 - 050	AMT01	522	87 - Most Likely EAC
		AMT02	782	Enter monetary amount.
7. Auth. Contractor Rep a. Name b. Title d. Date Signed	1 - In N1 Loop - 190	PER01	366	AA - Authorized Representative
		PER02	93	Enter the contact person's name.
		PER09	443	Enter their title.
		DTM01	374	275 - Approved
		DTM02	373	Enter date.
End Header Information Begin Line Item Detail				
8. Performance Data a. Work Breakdown Structure Element	1 - 090	BSD01	128	74 - Work Breakdown Structure
		BSD02	127	Enter element code.
		BSD03	352	Enter element description.
		BSD04	1178	Level of element in structure.
		BSD05	127	Parent element code of element code entered in BSD02 when applicable.
		BSD06	1196	Breakdown structure detail code. Use is application dependent. Typically used to identify details such as labor, material, other costs. Refer to Implementation Convention notes and related tables.
		BSD07	1178	Level of parent code entered in BSD05.
Current Period - BCWS	1 - 110	AMT01	522	B5 - Budgeted
		AMT02	782	Enter monetary amount.
Current Period - BCWP	1 - 110	AMT01	522	CW - Earned Value
		AMT02	782	Enter monetary amount.
Current Period - ACWP	1 - 110	AMT01	522	CX - Actual
		AMT02	782	Enter monetary amount.
Current Period Schedule Variance and Cost Variance				Calculated items. Not sent.

Cost Performance Report (CPR) 1 - Work Breakdown Structure (cont.)

Form Reference	Table 1 Position	Segment Position	Data Element	Comments, Code(s) Used
Cum to Date - BCWS	1 - 110	AMT01	522	CY - Cumulative Budget
		AMT02	782	Enter monetary amount.
Cum to Date - BCWP	1 - 110	AMT01	522	CZ - Cumulative Earned Value
		AMT02	782	Enter monetary amount.
Cum to Date - ACWP	1 - 110	AMT01	522	D9 - Cumulative Actual
		AMT02	782	Enter monetary amount.
Cum to Date Schedule Variance and Cost Variance				Typically calculated items, not sent. If needed for Variance Adjustment or Total Contract Variance bottom lines, use AMT01 codes 45 (Cum SV) and 46 (Cum CV), enter monetary amount in AMT02.
Reprogramming Adjustments Cost Variance	1 - 110	AMT01	522	47 - Reprogram Cost Variance
		AMT02	782	Enter monetary amount.
Reprogramming Adjustments Budget	1 - 110	AMT01	522	48 - Reprogram Budget
		AMT02	782	Enter monetary amount.
At Completion - Budgeted	1 - 110	AMT01	522	49 - At Complete Budget (BAC)
		AMT02	782	Enter monetary amount.
At Completion - LRE	1 - 110	AMT01	522	50 - At Complete LRE
		AMT02	782	Enter monetary amount.
At Complete Variance				Calculated item. Not sent.

Note that all bottom line totals on the form (such as Cost of Money, G&A, Undistributed Budget, Subtotal, Management Reserve, Total, Variance Adjustment, Total Contract Variance) use the BSD segment to describe the line item and standard AMT segments to describe the amounts associated with each line item. The receiving application may have specific data content requirements for describing bottom line totals (the element code entered in BSD02). Confirm specific requirements with the customer.

Cost Performance Report (CPR) 2 - Organizational Categories

Form Reference	Table 1 Position	Segment Position	Data Element	Comments, Code(s) Used
Classification (Security)	1 - 020	BCS09	786	Use code that applies. Same as CPR Format 1
CPR Format 2 - Organizational Categories	1 - 080	CFT01	755	F2 - Cost Performance Report Format 2
Dollars In, Header Items 1, 2, 3, and 4 is the same as CPR Format 1.				Refer to details for CPR Format 1 above.
End Header Information Begin Line Item Detail				

Cost Performance Report (CPR) 2- Organizational Categories(cont.)

Form Reference	Table 1 Position	Segment Position	Data Element	Comments, Code(s) Used
5. Performance Data a. Organizational Category	1 - 090	BSD01	128	75 - Organization Breakdown Structure
		BSD02	127	Enter element code.
		BSD03	352	Enter element description.
		BSD04	1178	Level of element in structure.
		BSD05	127	Parent element code of element code entered in BSD02 when applicable.
		BSD06	1196	Not used.
		BSD07	1178	Level of parent code entered in BSD05.
Balance of Line Item Detail is the same as the CPR Format 1.				Refer to details for CPR Format 1 above.

Refer to notes for CPR Format 1 on bottom line totals as they apply to CPR Format 2 as well.

Cost Performance Report (CPR) 3 - Baseline

Form Reference	Table 1 Position	Segment Position	Data Element	Comments, Code(s) Used
Classification (Security)	1 - 020	BCS09	786	Use code that applies. Same as CPR Format 1
CPR Format 3 - Baseline	1 - 080	CFT01	755	F3 - Cost Performance Report Format 3
Dollars In, Header Items 1, 2, 3, and 4 is the same as CPR Format 1.				Refer to details for CPR Format 1 above.
5. Contract Data a. Original Negotiated Cost	1 - 050	AMT01	522	33 - Original Contract Target Cost - use for Original Negotiated Cost
		AMT02	782	Enter monetary amount.
b. Negotiated Contract Changes	1 - 050	AMT01	522	34 - Negotiated Contract Changes
		AMT02	782	Enter monetary amount.
c. Current Target Cost	1 - 050	AMT01	522	35 - Current Target Cost.
		AMT02	782	Enter monetary amount.
d. Est. Cost of Authorized Unpriced Work	1 - 050	AMT01	522	27 - Authorized Unpriced Work
		AMT02	782	Enter monetary amount.
e. Contract Budget Base	1 - 050	AMT01	522	36 - Contract Budget Base
		AMT02	782	Enter monetary amount.
f. Total Allocated Budget	1 - 050	AMT01	522	52 - Total Allocated Budget.
		AMT02	782	Enter monetary amount.
g. Difference				Calculated item. Not sent.
h. Contract Start Date	1 - 070	DTM01	374	276 - Contract Start
		DTM02	373	Enter date.
i. Contract Definitization Date	1 - 070	DTM01	374	277 - Contract Definition
		DTM02	373	Enter date.
j. Planned Completion Date	1 - 070	DTM01	374	278 - Last Item Delivery - use for Planned Completion Date
		DTM02	373	Enter date.

Cost Performance Report (CPR) 3 - Baseline (cont.)

Form Reference	Table 1 Position	Segment Position	Data Element	Comments, Code(s) Used
k. Contract Completion Date	1 - 070	DTM01	374	279 - Contract Completion
		DTM02	373	Enter date.
l. Estimated Completion Date	1 - 070	DTM01	374	245 - Estimated Completion
		DTM02	373	Enter date.
End Header Information Define Projected (4 or 5 columns) Time Period Columns.				
Enter Specified Periods	1 - 085	CAL01	128	70 - Calendar Number
		CAL02	127	Enter "1", "2", "3", "4", "5" or "At Complete" to specify which column information applies to.
		CAL14	673	1O - Calendar Units
		CAL15	380	Enter number of reporting periods for the specific time period - typical entries are "3" for a quarter year, "6" for semi-annual, "12" for a fiscal or calendar year.
		CAL16	369	Description of time frame - example entries are "FY98", "FY99".
End Column Definition				
6. Performance Data a. PM Baseline Begin of Period	1 - 090	BSD01	128	74 - Work Breakdown Structure
		BSD02	127	Enter code reference to say "Begin of Period"
BCWS Cum to Date	1 - 110	AMT01	522	CY - Cumulative Budget
		AMT02	782	Enter monetary amount.
BCWS for Report Period	1 - 110	AMT01	522	B5 - Budgeted
		AMT02	782	Enter monetary amount.
Six Month Forecast Repeat PAM segment six times.	1 - 120	PAM04	522	B5 - Budgeted
		PAM05	782	Enter monetary amount.
		PAM06	344	MO - Month
		PAM07	374	174 - Month Ending
		PAM08	373	Enter month ending date.
Projected Time Frames Repeat PAM segment for projected time frames (4 or 5)	1 - 120	PAM04	522	B5 - Budgeted
		PAM05	782	Enter monetary amount.
		PAM06	344	CY - Calendar Year FY - Fiscal Year QY - Quarter of a Year SA - Semiannual.
		PAM07	374	194 - Period End.
		PAM08	373	Enter date. Should correspond with information entered in CAL segment.
Undistributed Budget	1 - 110	AMT01	522	MB - Undistributed Budget. Note that all AMT segments are grouped by line item.
		AMT02	782	Enter monetary amount.

Cost Performance Report (CPR) 3 - Baseline(cont.)

Form Reference	Table 1 Position	Segment Position	Data Element	Comments, Code(s) Used
Total Budget	1 - 120	PAM04	522	49 - At Complete Budget
		PAM05	782	Enter monetary amount.
		PAM06	344	CY - Calendar Year FY - Fiscal Year.
		PAM07	374	194 - Period Ending
		PAM08	373	Enter end date.
b. Baseline Changes	1 - 090	BSD01	128	74 - Work Breakdown Structure
		BSD02	127	Enter code reference to indicate a baseline change line item.
Amount details for changes	1 - 110	AMT01	522	Select code(s) that applies. See Implementation Convention.
		AMT02	782	Enter monetary amount.
Description for changes	1 - 140	MSG01	933	Enter short text description of change.
c. PM Baseline End of Period - Same as Begin of Period.				See detail above. For BSD02, entry to say "End of Period". No BCWS For Report Period is needed.
Management Reserve*	1 - 090	BSD01	128	74 - Work Breakdown Structure
		BSD02	127	Enter code reference to say "Management Reserve"
Total Budget	1 - 110	AMT01	522	49 - At Complete Budget
		AMT02	782	Enter monetary amount.

*This format (BSD code reference plus AMT segment) can be used for other contract specific bottom line totals for CPR Format 3. Use the appropriate qualifier code(s) in the AMT segment to identify specific amounts related to each line item defined with a BSD segment.

Cost Performance Report (CPR) 4 - Staffing

Form Reference	Table 1 Position	Segment Position	Data Element	Comments, Code(s) Used
Classification (Security)	1 - 020	BCS09	786	Use code that applies. Same as CPR Format 1
CPR Format 4 - Staffing	1 - 080	CFT01	755	F4 - Cost Performance Report Format 4
Dollars In, Header Items 1, 2, 3, and 4 is the same as CPR Format 1.				Refer to details for CPR Format 1 above.
End Header Information Define Projected (4 or 5 columns) Time Period Columns.				
Enter Specified Periods	1 - 085	CAL01	128	70 - Calendar Number
		CAL02	127	Enter "1", "2", "3", "4", "5" or "At Complete" to specify which column information applies to.
		CAL14	673	1O - Calendar Units
		CAL15	380	Enter number of reporting periods for the specific time period - typical entries are "3" for a quarter year, "6" for semi-annual, "12" for a fiscal or calendar year.

Cost Performance Report (CPR) 4 - Staffing (cont.)

Form Reference	Table 1 Position	Segment Position	Data Element	Comments, Code(s) Used
Enter Specified Periods (cont.)	1 - 085	CAL16	369	Description of time frame - example entries are "FY98", "FY99".
End Column Definition				
5. Performance Data Organizational Category	1 - 090	BSD01	128	75 - Organizational Breakdown Structure
		BSD02	127	Enter element code.
		BSD03	352	Enter element description.
		BSD04	1178	Level of element in structure.
		BSD05	127	Parent element code of element code entered in BSD02 when applicable.
		BSD06	1196	Not used.
		BSD07	1178	Level of parent code entered in BSD05.
Actual Current Period	1 - 115	QTY01	673	AT - Actual
		QTY02	380	Enter quantity (hours or working months)
Actual - Cum to End of Current Period	1 - 115	QTY01	673	AU - Cumulative Actual
		QTY02	380	Enter quantity
Six Month ForecastRepeat PAM segment sixtimes.	1 - 120	PAM01	673	AY - Forecast
		PAM02	380	Enter quantity
		PAM03	355	HR - Hours WM - Working Months
		PAM06	344	MO - Month
		PAM07	374	174 - Month Ending
		PAM08	373	Enter month ending date.
Projected Time Frames Repeat PAM segment for projected time frames (4 or 5)	1 - 120	PAM01	673	AY - Forecast
		PAM02	380	Enter quantity.
		PAM03	355	HR - Hours WM - Working Months
		PAM06	344	CY - Calendar Year FY - Fiscal Year QY - Quarter of a Year SA - Semiannual.
		PAM07	374	194 - Period End.
		PAM08	373	Enter date. Should correspond with information entered in CAL segment.
At Completion	1 -120	PAM01	673	AZ - Forecast at Complete
		PAM02	380	Enter quantity
		PAM03	355	HR - Hours WM - Working Months
		PAM06	344	CY - Calendar Year FY - Fiscal Year
		PAM07	374	194 - Period Ending
		PAM08	373	Enter end date.

For any contract specific bottom line totals, use the same format as described for CPR Formats 1, 2, and 3 using the BSD segment and related QTY or QTY and PAM segments to provide line item details.

Cost Performance Report (CPR) 5 - Problem Analysis or Variance Analysis

Form Reference	Table 1 Position	Segment Position	Data Element	Comments, Code(s) Used
Classification (Security)	1 - 020	BCS09	786	Use code that applies. Same as CPR Format 1.
CPR Format 5 - Problem Analysis	1 - 080	CFT01	755	F5 - Cost Performance Report Format 5 VA - Variance Analysis (for C/SSR).
Dollars In, Header Items 1, 2, 3, and 4 is the same as CPR Format 1.				Refer to details for CPR Format 1 above.
5. Evaluation	1 - 090	BSD01	128	74 - Work Breakdown Structure
		BSD02	127	Enter element code.
		BSD03	352	Enter element description. Optional.
	1 - 140	MSG01	933	Enter text. Maximum of 20 repetitions is allowed per reporting element.

This format is the same as the Variance Analysis Report related to the Cost/Schedule Status Report (C/SSR).

Cost/Schedule Status Report (C/SSR)

Form Reference	Table 1 Position	Segment Position	Data Element	Comments, Code(s) Used
Classification (Security)	1 - 020	BCS09	786	Use code that applies. Same as CPR Format 1.
C/SSR	1 - 080	CFT01	755	CX - Cost/Schedule Status Report
Dollars In, Header Items 1, 2, 3, and 4 is the same as CPR Format 1. Item 5 is the same as Item 7 on CPR Format 1.				Refer to details for CPR Format 1 above.
6. Contract Data a. Original Contract Target Cost	1 - 050	AMT01	522	33 - Original Contract Target Cost
		AMT02	780	Enter monetary amount.
b. Negotiated Contract Changes	1 - 050	AMT01	522	34 - Negotiated Contract Changes
		AMT02	780	Enter monetary amount.
c. Current Target Cost	1 - 050	AMT01	522	35 - Current Target Cost
		AMT02	780	Enter monetary amount
d. Est. Cost of Authorized Unpriced Work	1 - 050	AMT01	522	27 - Authorized Unpriced Work
		AMT02	780	Enter monetary amount.
e. Contract Budget Base	1 - 050	AMT01	522	36 - Contract Budget Base
		AMT02	780	Enter monetary amount.
f. Management Estimate at Completion	1 - 050	AMT01	522	50 - At Complete LRE
		AMT02	780	Enter monetary amount.
g. Variance at Completion				Calculated Item. Not sent.
h. Over Target Baseline Date	1 - 070	DTM01	374	281 - Over Target Baseline
		DTM02	373	Enter date.
End Header Information Begin Line Item Detail				

Cost/Schedule Status Report (C/SSR)(cont.)

Form Reference	Table 1 Position	Segment Position	Data Element	Comments, Code(s) Used
7. Performance Data a. Work BreakdownStructure	1 - 090	BSD01	128	74 - Work Breakdown Structure
		BSD02	127	Enter element code.
		BSD03	352	Enter element description.
		BSD04	1178	Level of element in structure.
		BSD05	127	Parent element code of element code entered in BSD02 when applicable.
		BSD06	1196	Breakdown structure detail code. Use is application dependent. See notes on CPR Format 1.
		BSD07	1178	Level of parent code entered in BSD05.
Cum to Date - BCWS	1 - 110	AMT01	522	CY - Cumulative Budget
		AMT02	782	Enter monetary amount.
Cum to Date - BCWP	1 - 110	AMT01	522	CZ - Cumulative Earned Value
		AMT02	782	Enter monetary amount.
Cum to Date - ACWP	1 - 110	AMT01	522	D9 - Cumulative Actual
		AMT02	782	Enter monetary amount.
Cum to Date Schedule Variance and Cost Variance				Calculated items, not sent.
At Completion - Budgeted	1 - 110	AMT01	522	49 - At Complete Budget (BAC)
		AMT02	782	Enter monetary amount.
At Completion - LRE	1 - 110	AMT01	522	50 - At Complete LRE
		AMT02	782	Enter monetary amount.
At Complete Variance				Calculated item. Not sent.

Note that all bottom line totals on the form (such as G&A, Undistributed Budget, Management Reserve) use the BSD segment to describe the line item and standard AMT segments to describe the amounts associated with each line item. The receiving application may have specific requirements for describing bottom line totals. Confirm specific requirements with the customer.